INSTALLATION AND OPERATION MANUAL

EZ-HK2

Composite Video Hum Killer

RDL EZ Series products provide the highest level of value to A/V professionals and A/V users who demand professional quality. For long-term performance, quality and value, you have made the EZ choice. EZ products are made in the USA by RDL, the inventor of application-specific modules bringing decades of experience as the world's leading manufacturer of high-reliability performance products to the A/V industry. Visit the RDL website for hundreds of professional A/V products made in the USA by RDL.

www.rdlnet.com

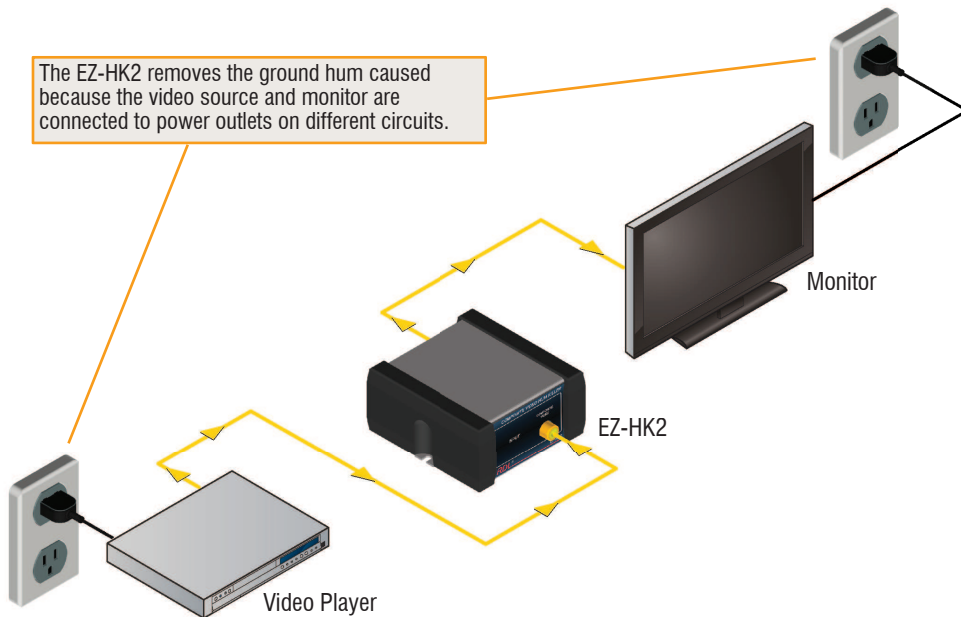### Decades of Performance, Quality and Value

EZ-HK2

Composite Video Hum Killer

- Video Ground-Loop Hum Elimination
- 75 Ω Composite Video Galvanic Isolation
- Input and Output RCA Jacks
- Switch-Selectable Ground Lift for Output Jacks
- Portable Use or Permanent Installation

The EZ-HK2 is a video transformer isolation module for use with standard 75 Ω composite video. Input and output connections are provided on gold-plated RCA jacks.

The shield connection of the INPUT jack is electrically isolated from the case and from the output ground. The shield connection of the OUTPUT jack is connected to the case shield through a rear-panel ground-lift switch.

The EZ-HK2 eliminates hum due to ground loops when it is installed between a video source, such as a computer or DVD player, and the input of a grounded video monitor or projector in an A/V or video system.

TYPICAL APPLICATION

The EZ-HK2 removes the ground hum caused because the video source and monitor are connected to power outlets on different circuits.

Monitor

EZ-HK2

Video Player

COMPOSITE VIDEO INPUT
Plug a video cable into the jack. The other end of the video cable may be fed from any standard video source including a DVD player, VCR, composite video card or television tuner.
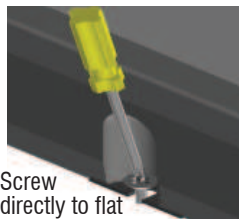

COMPOSITE VIDEO OUTPUT
Plug a video cable into the jack. Connect the other end of the video cable to the video input of a DVD player, VCR, TV video monitor or other equipment with a video input.
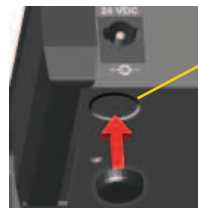
GROUND-LIFT SWITCH
The video output cable shield is connected to the EZ-HK2 chassis when the switch is in the NORM position. In the unlikely event that the EZ-HK2 chassis is mounted to equipment with a different ground from the equipment the EZ-HK2 output is feeding, a ground loop could be produced. This ground loop is eliminated by setting the switch to the LIFT position.

FIXED MOUNTING

Screw directly to flat surface without installing rubber feet.

RUBBER FEET ATTACHMENT

Recess

Bottom View of chassis

Peel backing and stick the 4 rubber feet to chassis in recesses provided.

SELECTED MOUNTING ACCESSORIES Complete accessory listing available at: rdlez.com

EZ-RA6
Rack Adapter for 6 Increments of 1/6 Rack Width

EZ-CC6
Component Chassis for 6 Increments of 1/6 Rack Width

EZ-SMB1
Surface Mount Bezel for 1/6 Rack Width Products

EZ-DC1
Desktop Chassis 1/6 Rack Width

EZ-UCB2
Under-Counter Brackets 1/6 or 1/3 Rack Width

EZ-SD1
Storage Drawer 1/6 Rack Width

Use In Place of Filler Panel
Holds Adapters and Cables
Mounts in EZ-CC6 and EZ-RA6

TYPICAL PERFORMANCE

Input:	Composite Video, 1 V p-p nominal, ground-isolated
Input Impedance:	75 Ω
Input / Output Connectors:	RCA Phono
Output:	Composite Video, 1 V p-p nominal
Output Impedance:	75 Ω
Output Ground Isolation:	Switch-selectable
Gain:	Unity nominal (passive circuit)
Video Bandwidth:	40 Hz to >5 MHz
Warranty:	3 Years; contact RDL technical support department for assistance
Case dimensions:	2.9" (7.4 cm)W x 3" (7.6 cm)D
Mounting size:	1/6 rack width

CE